

### Cruise Summary

1. Cruise ID : YK13-07
2. Name of vessel : YOKOSUKA / URASHIMA
3. Title of the cruise: High resolution detailed mapping for topography and geological structure of mud volcanos, off Tanega-shima
4. Chief scientist: Fujio Yamamoto [JAMSTEC, Submarine Resources Research Project]
5. Representative scientist:  
Fumio Inagaki [JAMSTEC, Submarine Resources Research Project]
6. Participants aboard the R/V YOKOSUKA cruise YK13-07

Fujio Yamamoto	JAMSTEC, Submarine Resources Research Project	Sub Leader
Koichi Iijima	JAMSTEC, Submarine Resources Research Project	Engineer
Yuka Masaki	JAMSTEC, Submarine Resources Research Project	Technical Research Staff

7. Survey area :Off Tanega-shima
8. Cruise period : August 10, 2013 (Shimizu)– August 19, 2013(Yokosuka)
9. Overview of the Observation

YK13-07 cruise was started from off Shimizu on Aug. 10 and then, the vessel went to the off Tanega-shima area. 2 dives for AUV Urashima, Single Channel Seismic Survey, and a bathymetric survey were conducted in this area. Finally, the vessel arrived at Yokosuka pier on Aug. 19 and we ended YK13-07 cruise. Fig. 1 shows ship's tracks for the entire YK13-07 cruise and table 4-1 shows activity log during the cruise.

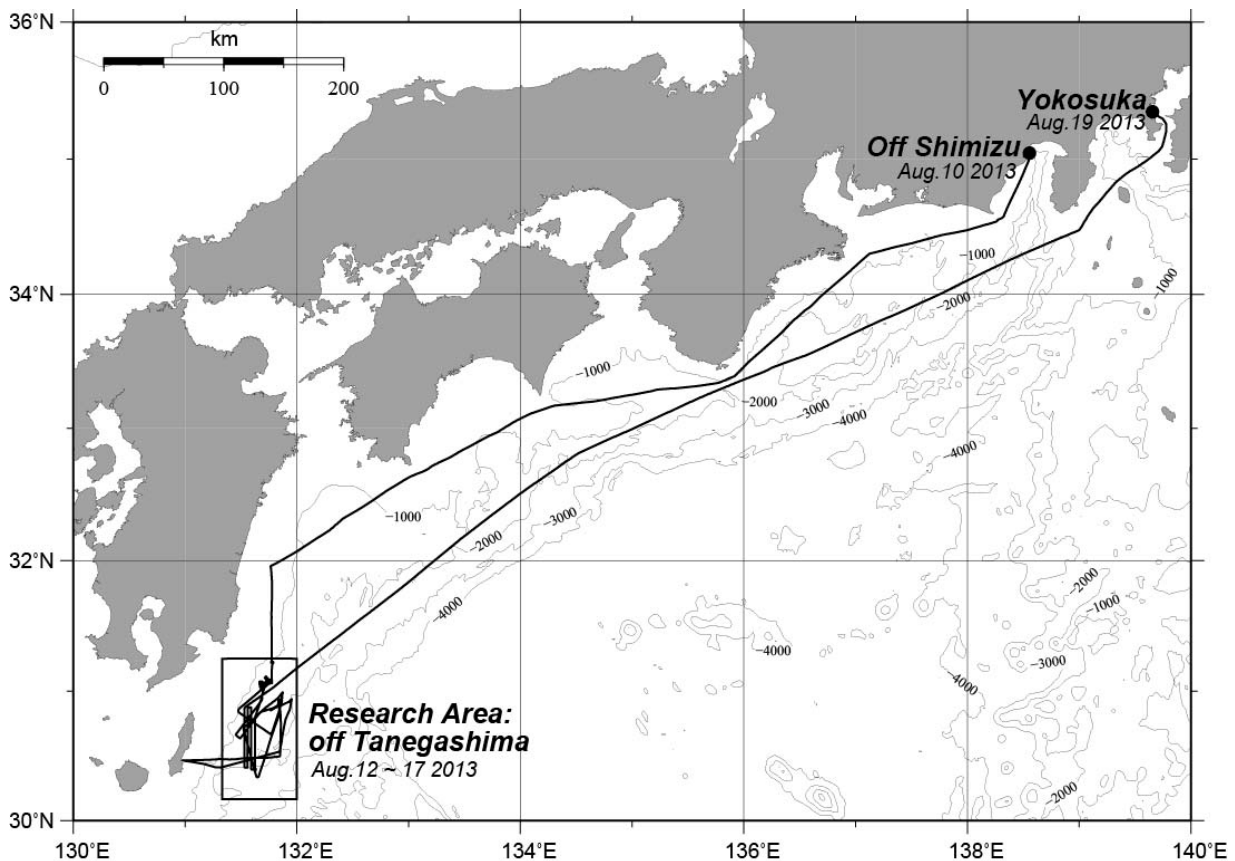


Figure 1 Ship's tracks for the entire YK13-07 cruise

Table 1 Cruise log

Date	Remarks
August 10	Departure from off Shimizu, transit to survey area
11	Transit to survey area
12	Arrival at survey area, XBT measurement, Urashima Dive 156, SCS
13	Urashima Dive 157, SCS
14	SCS
15	SCS, Urashima Dive 158, SCS
16	SCS, Urashima Dive 159, bathymetric survey, XBT measurement
17	Bathymetric survey, transit to Yokosuka
18	Transit to Yokosuka
19	Arrive at Yokosuka

### Acknowledgement

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